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SUBSTITUTE for PTO/SB/05 (03-01) Utility Patent Application Transmittal
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 20561YDA

First Inventor or Application Identifier Leonardus H.T. Van der Ploeg

Title Melanocortin-3 Receptor Deficient Cells, Non-Human Transgenic Animals and Methods of Selecting Compounds Which Regulate Body Weight

Express Mail Label No. EV32315355US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

1. ☒ Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages 61]
3. ☒ Drawing(s) (35 USC 113) [Total Sheets 23]
4. Oath or Declaration
- a. ☐ Newly executed (original or copy)
- b. ☒ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 14 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33 (b).
5. ☐ Application Data Sheet. See 37 CFR 1.76
6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. ☒ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☒ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment papers (cover sheet & document(s))
8. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
9. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
10. ☒ Preliminary Amendment
11. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
12. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
13. ☒ Other: Trans Form - Div Appln 37CFR1.53(b)

14. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

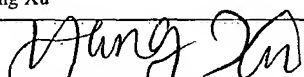
☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No. 09 / 709,066

Prior application information: Examiner Falk, Anne Marie Group/Art Unit: 1632

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

15. CORRESPONDENCE ADDRESS☒ Customer Number or Bar Code Label**Customer No. 000210**
(Insert Customer No. or Attach bar code here)

NAME	Yang Xu				
ADDRESS	Merck & Co., Inc., P. O. Box 2000 - Patent Dept., RY60-30				
CITY	Rahway	STATE	NJ	ZIP CODE	07065-0907
COUNTRY	USA	TELEPHONE	732-594- 1307	FAX	732-594-4720

Name	Yang Xu	Registration No. (Attorney/Agent)	45,243
Signature		Date	6/25/2003

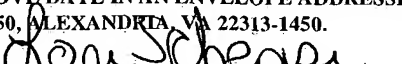
EXPRESS MAIL CERTIFICATE

DATE OF DEPOSIT June 25, 2003

EXPRESS MAIL NO. EV 32315355US

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS EXPRESS MAIL "POST OFFICE TO ADDRESSEE" ON THE ABOVE DATE IN AN ENVELOPE ADDRESSED TO COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

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DATE

6/25/03

21904 U.S. PTO
10/603249
06/25/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents,
P.O. Box 1450
Alexandria, Virginia 22313-1450

Prior Application:

Examiner	Falk, Anne Marie
Art Unit	1632

Sir: This is a request for filing a ☐ Continuation ☒ Divisional

application, under 37 C.F.R. 1.53(b), of pending application Serial No. 09/709,066 filed on

November 19, 2000 (DATE) of Leonardus H.T. Van der Ploeg, Howard Y. Chen and Airu S. Chen (INVENTOR)

for Melanocortin-3 Receptor Deficient Cells, Non-Human Transgenic Animals and Methods of Selecting Compounds Which Regulate Body Weight (TITLE OF INVENTION)

1. The enclosed comprises a copy of prior application Serial No. 09/709,066, as filed on 11/19/2000. The entire disclosure of this prior application is hereby incorporated by reference.

2. The filing fee is calculated below:

CLAIMS AS FILED IN THE PRIOR APPLICATION, LESS ANY CLAIMS CANCELED BY AMENDMENT BELOW

FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
Total Claims	52	20	\$18	\$576
Independent Claims	17	3	\$84	\$1,176
*Multiple Dependent Claims	1		\$280	\$280
Basic Fee (minimum amount required)				\$750
* Add this fee if application contains any multiple dependent claims, regardless of number.				\$2,782
				Total Fee

3. The Commissioner is hereby authorized to charge any fees which may be required or to credit any overpayment to Account No. 13-2755.

4. ☒ Amend the specification by inserting before the first line the sentence:
-- This is a ☐ continuation, ☒ division of application Serial No. 09/709,066,
filed 11/19/2000.
5. ☒ Cancel in this application original claims: 2, 6, 9, 33, 34 1-29, 33-35.
6. ☒ Preliminary amendment enclosed.
7. ☐ Information Disclosure Statement/PTO-1449 enclosed.
- 8a. ☐ Transfer the drawings from the prior application to this application and abandon said prior application as of the filing date accorded this application. A duplicate copy of this sheet is enclosed for filing in the prior application file.
- 8b. ☐ New formal drawings are enclosed.
- 9a. ☐ Priority of application Serial No. _____, filed _____,
in _____ (COUNTRY) is claimed under 35 U.S.C. 119.
- 9b. ☐ The certified copy of the priority application has been filed in prior application Serial No. _____,
filed _____.
10. ☒ The prior application is assigned to Merck & Co., Inc. Rahway, NJ.
11. ☒ The undersigned attorney or agent has:
a. ☐ Power in the prior application as originally filed.
b. ☒ Associate power, copy enclosed.

EXPRESS MAIL CERTIFICATE

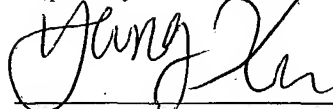
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MAILED BY Lou Schepase DATE 6/25/03

Respectfully,



By: Yang Xu

Attorney _____ for Applicant(s)

Registration No. 45,243

Telephone: (732) 594-1307

Address: Merck & Co., Inc.
Patent Department
P.O. Box 2000 - RY60-30
Rahway, N.J. 07065-0907

Date: June 25, 2003